

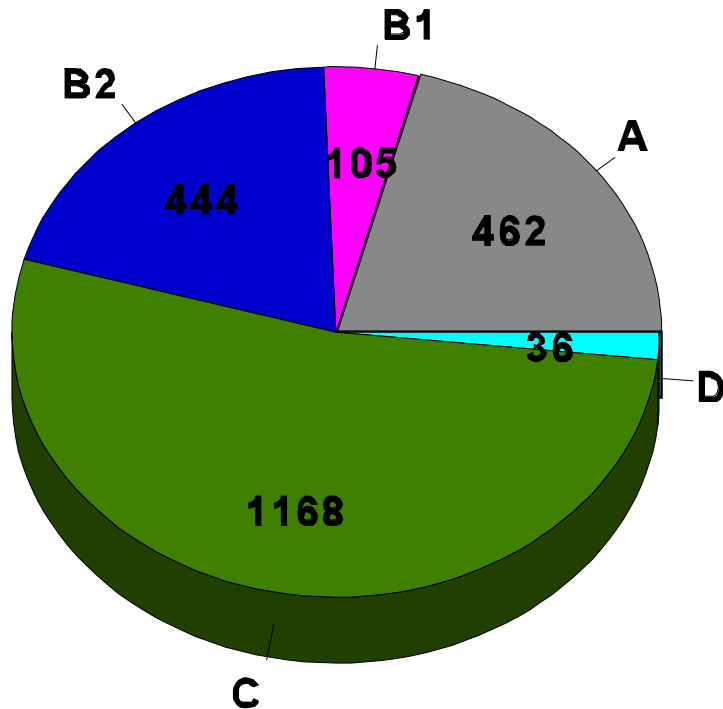
USDA, APHIS PPQ

Biological Assessment  
and Taxonomic Support

Plant Protection and  
Quarantine Permits

# 1996 Figures

## Number of Permits Issued for Organisms of Interest to Plant Protection and Quarantine by Category



A = Foreign /exotics /etc

B = BC agents

B1 = high risk

B2 = low risk

C = Domestic pests

D = Denied

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## Definitions of Organism Categories

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*According to results of pest risk analyses, organisms of interest to Plant Protection and Quarantine (PPQ) have been placed into three categories:*

Category A -- Foreign plant pests new to or not widely distributed in the United States; domestic plant pests of limited U.S. distribution, including program pests; State regulated pests; and exotic strains of domestic pests.

Category B -- Biocontrol agents and pollinators.

B1. High risk - weed antagonists; shipments accompanied by prohibited plant material or Category A pests.

B2. Low risk - pure cultures of known beneficial organisms.

Category C -- Domestic pests that have attained their ecological range, nonpest organisms and other organisms for which courtesy permits may be issued

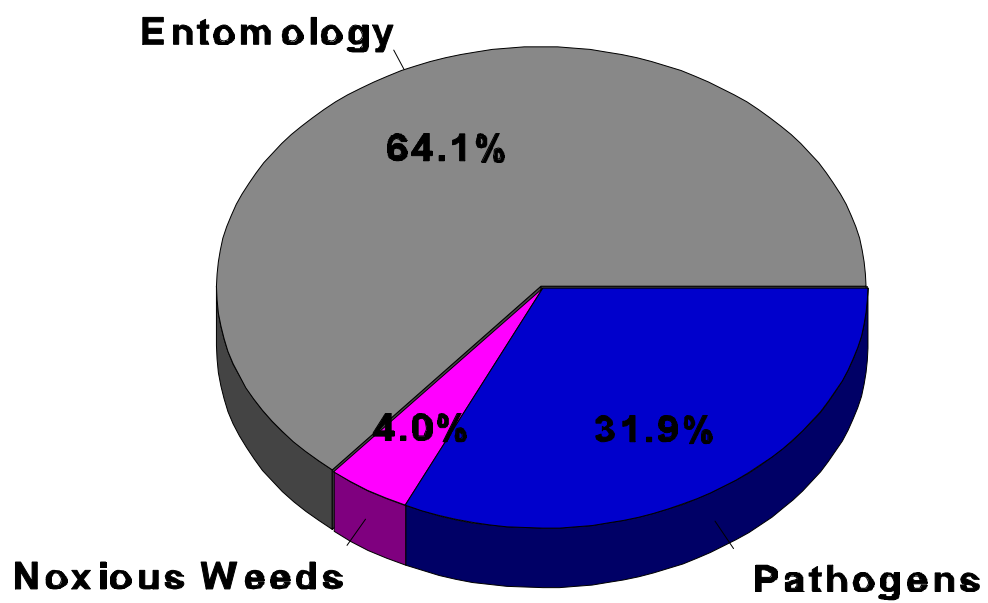
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## Percentages of Permits Issued in 1996 by Pest Type

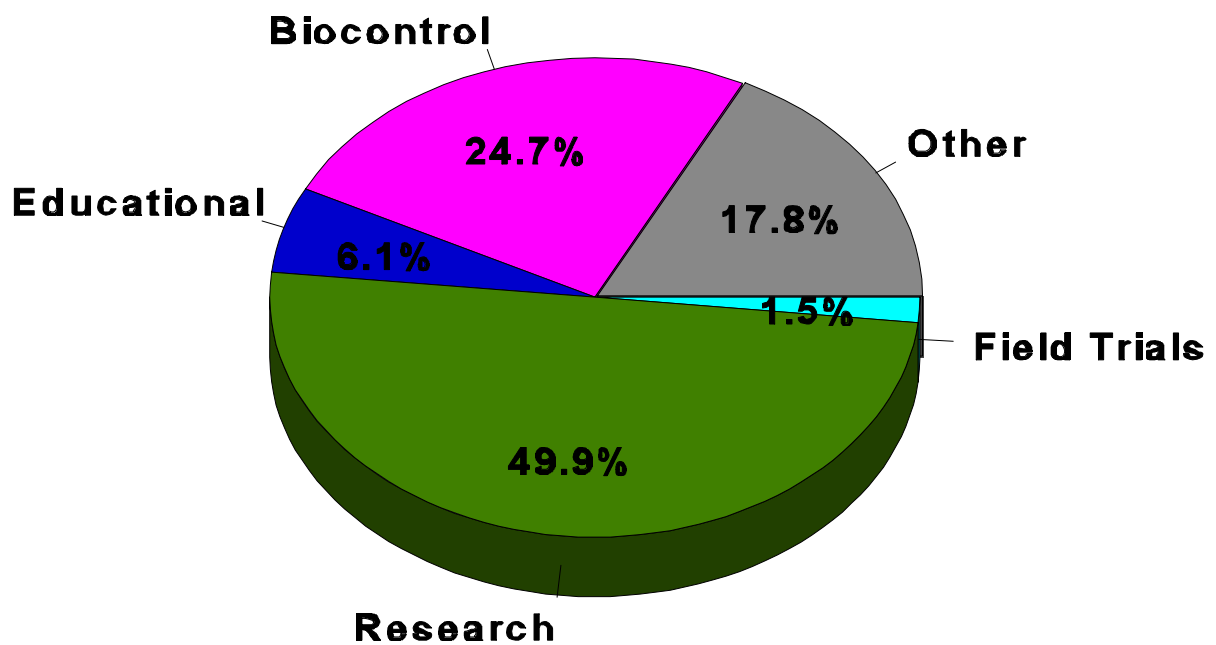
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## Percentages of Permits Issued in 1996 by Known Intended Use

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## Top 25 Institutions for which Permits were Issued in 1996

<u>Institution Name</u>	<u>Number of Permits</u>
ARS	189
Reeves Cricket Ranch	70
APHIS	69
Univ. Of California	57
Gardens Alive	51
Green Spot	47
Montana State Univ.	47
International Technological Services	44
Michael's Fluttering Wings Butterfly Ranch	40
Pioneer	40
American Cyanamid	37
Mycogen	36
Univ. Of Florida	32
Asgrow	28
Cornell Univ.	28
AGAMA	25
Dow	20
Agdia	18
Iowa State Univ.	18



## Top 25 Organisms for which Permits were Issued in 1996

<u>Scientific Name of Organism</u>	<u>Number of Permits</u>
Encarsia formosa	147
Phytoseiulus persimilis	137
Chrysoperla carnea	135
Neoseiulus californicus	131
Vanessa cardui	131
Danaus plexippus	106
Aphidius colemani	103
Aphidoletes aphidimyza	101
Trichogramma pretiosum	100
Delphastus pusillus	98
Dacnusa sibirica	97
Diglyphusisaea	96
Leptomastix dactylopii	96
Neoseiulus cucumeris	95
Iphiseius degenerans	94
Orius insidiosus	94
Trichogramma minutum	94
Muscidifurax zaraptor	93
Chrysoperla rufilabris	91

